

Compilation

| | |
|---------|---|
| C-c C-k | Entire file - compile and load |
| C-c M-k | Entire file - compile but don't load |
| C-c C-c | Toplevel - compile the toplevel form at point |
| M-p/M-n | Move to previous/next compiler note |
| C-c M-c | Remove all compilation notes |

Evaluation

| | |
|-------------------|---|
| C-M-x | Evaluate top-level |
| C-x C-e | Evaluate last expression |
| C-c C-p | Evaluate last expression and pretty-print |
| C-c C-r | Evaluate region |
| C-c : | Evaluate expression from minibuffer |
| M-x slime-scratch | |
| | Create *slime-scratch* buffer, evaluate using C-j |

SLDB Commands

Examining Frame at point

| | |
|---------|---|
| t | Toggle display of local variables and CATCH tags |
| v | View source expansion in source buffer |
| e | Evaluate expression in the frame's context |
| d | Evaluate expr in the frame's context and pretty-print |
| D | disassemble frame's function |
| i | Inspect result of evaluating an expr in the frame |
| a | Abort |
| q | Quit |
| c | Continue |
| 0..9 | Invoke by number |
| p/n | Move between frames |
| M-p/M-n | Move between frame details |
| r | Restart execution of the frame with original args |
| R | Return from frame with value entered in minibuffer |
| s | Step to next expression in the frame |
| B | Exit SLDB to default Lisp debugger |
| : | Evaluate expression in minibuffer |

Profiling

| | |
|---------------------------|------------------------------------|
| M-x slime-toggle-profile | definition |
| | Toggle profiling of a function |
| M-x slime-profile-package | |
| | Profile all functions in a package |
| M-x slime-unprofile-all | |
| | Unprofile all functions |
| M-x slime-profile-report | |
| | Report profiler data |
| M-x slime-profile-reset | |
| | Reset profile data |

Inspector

| | |
|-------|--|
| C-c I | Inspect value of an expr entered in minibuffer |
| RET | Call action or inspect value |
| d | Describe symbol at point |
| I | Return to previous object (undo RET) |
| n | Go to next object (opposite of RET) |
| q | Dismiss inspector |
| M-RET | Evaluate value under point via REPL (to set ***) |

Running Slime

| | |
|----------------------|-------------|
| M-x slime | Start SLIME |
| M-x slime-connect | |
| M-x slime-disconnect | |

Documentation

| | |
|-----------|---|
| C-C C-d d | Describe symbol |
| C-c C-d a | Apropos search - substrng matches and doc strings from external symbols of all packages |
| C-c C-d z | Apropos search - include internal symbols |
| C-c C-d p | Apropos package search |
| C-c C-d h | Hyperspec lookup |

| | |
|---------------------------|---|
| C-c C-w c | Show function callers |
| C-c C-w r | Show references to global variable |
| C-c C-w b | Show global variable bindings |
| C-c C-w s | Show assignments to a global variable |
| C-c C-w m | Show expansions of a macro |
| C-c < | List callers of a function |
| C-c > | List callees of a function |
| M-x slime-who-specializes | |
| | Show known methods specialized on a class |

Exploring

| | |
|-----|---|
| M- | Go to definition |
| M-, | Return from definition to examined symbol |

Programming Helpers

| | |
|---------|---|
| M-TAB | Complete symbol (3 styles available) |
| C-c M-i | Fuzzy complete - can also be set as default |
| C-c C-s | Insert arglist |
| C-c C-m | Macro expand 1 |
| C-c M-m | Macro expand all |
| C-c C-t | Toggle tracing at point |
| C-c M-d | Disassemble function at point |
| C-M-q | Indent sexp |
| C-c C-b | Interrupt Lisp (send SIGINT) |
| C-c ~ | Sync package and working dir from Emacs to Lisp |
| C-c M-p | Set current REPL package |

REPL Commands

| | |
|-------------|--|
| RET | Evaluate, or newline/indent if incomplete |
| C-RET | Close parens and evaluate |
| C-j | Open and indent a new line |
| C-c C-c | Interrupt |
| TAB | Copmlete symbol at point |
| C-c C-o | Remove previous expresions output and result |
| C-c C-t | Clear entire buffer |
| C-a | Go to beginning of REPL prompt line |
| M-p/M-n | Go to Previous/next input |
| C-c C-p/C-n | Go to previous/next prompts |
| C-M-a/C-M-e | Go to beginning/end of toplevel function |
| , | Command entry (? For details) |

Slime Selector

| | |
|---|--|
| ? | Help on slime selector buffers |
| r | REPL for current SLIME connection |
| d | Most recent SLDB debugger for current connection |
| I | Most recently visited lisp-mode source buffer |
| s | *slime-scratch* buffer |

Binding slime-selector:

| | |
|-------|---|
| C-c s | (global-set-key "\C-cs" 'slime-selector) |
| | Insert into .emacs file |
| | OR enter in a .emacs/.el buffer and hit C-j to evaluate |

EMACS COMMANDS

Help

| | |
|-----------|--------------------------------------|
| C-h a | Help-Command Apropos (name substrng) |
| C-h c CMD | Help-Describe Command |
| C-h f | Help-Describe Function |
| C-h k CMD | Help-Describe Key |

Navigation

| | |
|-----------|---------------------------|
| C-b / C-f | Cursor-Backward/Forward |
| C-d | Delete-Next Character |
| C-a / C-e | Line-Beginning/End |
| C-p / C-n | Line-Previous/Next |
| C-l | Screen-Center at cursor |
| M-v / C-v | Screen-View Previous/Next |
| M-a / M-e | Sentence-Beginning/End |
| C-s / C-r | Search-Forward/Reverse |
| M-b / M-f | Word-Backward/Forward |
| M-< / M-> | Document-Beginning/End |

Editing

| | |
|-------------|------------------------------|
| C-@ / C-Spc | Kill-Beginning Mark |
| C-w | Kill-Ending Mark |
| M-Del / M-d | Kill-Previous Word/Next Word |
| C-k | Kill-To End of Line |
| M-k | Kill-To End of Sentence |
| C-y | Yank |
| M-y | Yank-Previous Kill |
| C-x u | Undo |
| C-_ | Undo |

Buffers/Files/Windows

| | |
|---------|-------------------------------|
| C-x C-b | Buffer-List |
| C-x s | Buffer-Save All (interactive) |
| C-x b | Buffer-Switch To |
| C-x 1 | Window-Keep Current |
| C-x o | Window-Move to other |
| C-M-v | Window-Scroll other |
| C-x C-f | File-Find/Open |
| C-x C-s | File-Save |
| C-x C-c | Emacs-Close |

Misc

| | |
|-----------|---------------------------|
| C-g | Cancel (out of a command) |
| C-u (num) | Multiple Arguments |